



MATERIALS & RESEARCH ENGINEERING
ASSOCIATE (SPECIALIST)
DEPARTMENTAL PROMOTIONAL SPOT
FINAL FILING DATE: August 03, 2007

OFFERING EQUAL EMPLOYMENT OPPORTUNITIES TO ALL REGARDLESS OF RACE, COLOR, CREED, NATIONAL ORIGIN, ANCESTRY, SEX, MARITAL STATUS, DISABILITY, RELIGIOUS OR POLITICAL AFFILIATION, AGE OR SEXUAL ORIENTATION.

DEPARTMENTAL
PROMOTIONAL
SPOT FOR

DISTRICT 1 – EUREKA	DISTRCT 5 – SAN LUIS OBISPO	DISTRICT 9 - BISHOP
DISTRCT 2 – REDDING	DISTRCT 6 – FRESNO	DISTRCT 10 - STOCKTON
DISTRICT 3 – MARYSVILLE	DISTRCT 7 – LOS ANGELES	DISTRICT 11 – SAN DIEGO
DISTRCT 4 – OAKLAND	DISTRICT 8 – SAN BERNARDINO	DISTRICT 12 - IRVINE
		HEADQUARTERS - SACRAMENTO

Candidates may only establish eligibility in one location. Indicate the location for which you are applying directly under the examination title on your application.

WHO MAY APPLY

COMPETITION LIMITED TO STATE EMPLOYEES: Applicants must have a permanent civil service appointment with the Department of Transportation by the final filing date.

HOW TO APPLY

Applications (STD 678) must be **RECEIVED OR POSTMARKED** no later than the final filing date. **FAXED OR E-MAILED APPLICATIONS WILL NOT BE ACCEPTED.** Applications postmarked **AFTER THE FINAL FILING DATE**, personally delivered or received via interoffice mail **AFTER 5:00 P.M. ON THE FINAL FILING DATE WILL NOT BE ACCEPTED FOR ANY REASON. THE EXAMINATION TITLE MUST BE INDICATED ON THE APPLICATION.**

FILE BY MAIL:	Department of Transportation Exam Services (MS 86) P.O. Box 168036 Sacramento, CA 95816-8036	FILE IN PERSON:	Department of Transportation 1727 30 th Street, 1 st Floor Sacramento, CA 95816 (916) 227-9271
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SUBMIT APPLICATIONS ONLY TO THE ADDRESSES INDICATED ABOVE. DO NOT SEND APPLICATIONS TO THE STATE PERSONNEL BOARD OR DEPARTMENT OF TRANSPORTATION DISTRICT OFFICES. Applications may be obtained at the State Personnel Board in Sacramento, any Employment Development Department office, Department of Transportation district office, or at www.dot.ca.gov/hq/jobs on the Internet.

REASONABLE
ACCOMMODATION

If you have a disability and wish to participate in one of our testing services, programs, or activities and require a specific accommodation, please mark the appropriate box for Question #2 on the Examination and/or Employment Application form. You will be contacted to make specific arrangements. TDD users may contact the California Relay Service TDD line at 1-800-735-2929, Voice line at 1-800-735-2922, or the Exams TDD line at (916) 227-7857/Calnet 8-498-7857.

SALARY RANGE

\$4797 - \$5829

WRITTEN TEST DATE

The written test is scheduled for December 01, 2007.

REQUIRED
IDENTIFICATION

Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

REQUIREMENTS FOR
ADMITTANCE TO
THE EXAMINATION

NOTE: All applicants must meet the education and/or experience requirements for this examination by the written test date. Your signature on your application indicates that you read, understand, and possess the minimum qualifications required.

NOTE: All applications/resumes must include: "to" and "from" dates (month/day/year), time base, civil service or private sector titles, and the duties performed. **Applications/resumes received without this information will be rejected.**

Qualifying experience may be combined on a proportionate basis if the requirements stated below include more than one pattern and are distinguished as "Either" I, "or" II "or" III, etc. For example, candidates possessing qualifying experience amounting to 50% of the required time of Pattern I, and additional experience amounting to 50% of the required time of Pattern II, may be admitted to an examination as meeting 100% of the overall experience requirements.

MINIMUM
QUALIFICATIONS

Either I

Three years' experience in the California state service as a Transportation Engineering Technician, Range B.

Or II

Four years of materials and research engineering work in the field or laboratory, comparable in level to the Transportation Engineering Technician, Range B, in the California state service.

ADDITIONAL
DESIRABLE
QUALIFICATIONS

Education equivalent to completion of the 12th grade.

POSITION
DESCRIPTION

Under general direction of a registered engineer, the Materials and Research Engineering Associate (Specialist) performs difficult and complex materials testing work; makes field inspections and

SEE REVERSE SIDE FOR ADDITIONAL INFORMATION

It is an objective of the State of California to achieve a drug-free state work place. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service, and the special trust placed in public servants.

MATERIALS & RESEARCH ENGINEERING ASSOCIATE (SPECIALIST)
GX40-3381-7TR52

FINAL FILING DATE: August 02, 2007
WRITTEN TEST DATE: December 01, 2007
DEPARTMENT OF TRANSPORTATION

EXAMINATION INFORMATION	investigations; and does other related work.
	This examination will consist of a written test weighted 100%. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained.

WRITTEN TEST – WEIGHTED 100%

- Scope:
- A. Knowledge of:
1.

Methods, materials, tools, and equipment used in inspecting and testing a wide variety of construction and other materials.

2.

Physical environmental impact assessment evaluations and mitigation processes.

3.

Physical properties and uses of engineering construction materials.

4.

Fabrication of construction materials.
- B. Ability to:
1.

Communicate effectively at a level required for successful job performance.

2.

Test the quality and suitability of engineering construction and other materials.

3.

Do research work on engineering construction and other materials.

4.

Evaluate physical environmental impact assessments and mitigations.

5.

Analyze situations accurately and take effective action.

6.

Prepare reports and dictate correspondence.

ELIGIBLE LIST INFORMATION	A departmental promotional spot eligible list will be established for the Department of Transportation in District(s)1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and Headquarters-Sacramento. The list will be abolished 12 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.
CAREER CREDITS	Career credits are not granted in promotional examinations.
VETERANS PREFERENCE POINTS	Veterans preference points are not granted in promotional examinations.

GENERAL INFORMATION

It is the candidate’s responsibility to contact the Caltrans Office of Examination Services in Sacramento, three business days prior to the written test date if he/she has not received his/her notice.

Applications are available at the State Personnel Board in Sacramento, any Employment Development Department office, Department of Transportation district office or at www.dot.ca.gov/hq/jobs on the Internet.

If you meet the requirements, you may take this examination. Possession of the entrance requirement does not assure a place on the eligible list. All candidates who pass will be ranked according to their scores.

The Department of Transportation reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all candidates will be notified.

Examination Locations: When a written test is part of the examination, it will be given in such places in California as the number of candidates and conditions warrant. Locations of interviews may be limited or extended as conditions warrant.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) subdivisional promotional, 2) departmental promotional, 3) multidepartmental promotional, 4) servicewide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on this bulletin.

Promotional Examinations Only: Competition is limited to employees who have a permanent civil service appointment. Under certain circumstances other employees may be allowed to compete under provisions of Rules 234, 235 and 235.2. State Personnel Board Rules 233, 234, 235, 235.2 and 237 contain provisions regarding civil service status and eligibility for promotional examinations. These rules may be reviewed at departmental personnel offices or at the State Personnel Board.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history, and fingerprinting may be required.

High School Equivalence: Equivalence to completion of the 12th grade may be demonstrated in any one of the following ways: 1) passing the General Educational Development (GED) Test; 2) completion of 12 semester units of college-level work; 3) certification from the State Department of Education, a local school board, or high school authorities that the candidate is considered to have education equivalent to graduation from high school; or 4) for clerical and accounting classes, substitution of business college work in place of high school on a year-for-year basis.

For individuals with disabilities, this document may be available upon request in alternate formats. To obtain an alternate format, please call or write to the California Department of Transportation, Office of Examinations and Recruitment Services, P.O. Box 168036, MS 86, Sacramento, CA 95816. Voice (916) 227-7858 / Calnet 8-498-7858 or TTY (916) 227-7857 / Calnet 8-498-7857. California Relay Service: Voice 1-800-735-2922 or TTY 1-800-734-2929.